



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/657,034	
	Filing Date	September 5, 2003	
	First Named Inventor	Daniel P. Becker, et al.	
	Group Art Unit	TBA	
	Examiner Name	TBA	
Total Number of Pages in This Submission		Attorney Docket Number	3316/0A/US (6794-000005/DVC)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): FORM HDP-1449 29 References Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David M. Gryte, PTO Reg. No. 41,809 Harness, Dickey & Pierce, P.L.C.
Signature	
Date	September 26, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450			
on this date:		September 26, 2003	
Typed or printed name	David M. Gryte		
Signature		Date	September 26, 2003

EV 311408160 US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Daniel P. Becker, et al.
Serial No: 10/657,034
Filed: September 5, 2003
For: Aromatic Sulfone Hydroxamic Acids and Their Use as Protease Inhibitors
Confirmation No: TBA
Art Unit: TBA
Examiner: TBA
Attorney Ref: 3316/0A/US
HDP Ref: 6794-000005/DVC

September 26, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam/Sir:

To comply with 37 CFR §1.97 and §1.98, Applicants submit the enclosed Form HDP-1449. Applicants also submit copies of all documents listed on the Form HDP-1449 except where such documents are U.S. patents or published U.S. patent applications.

In accordance with MPEP §609 and §707.05(b), Applicants request that each document listed be given thorough consideration, and that the Examiner cite each document of record in the prosecution history of the above-referenced application by initialing the Form HDP-1449 next to each document. Applicants request such initialing even if the Examiner does not consider: (1) a listed document to be sufficiently pertinent to use in a rejection; (2) a document to be prior art for any reason; or (3) that the guidelines for citation have been fully complied with respecting a particular document. Applicants make this request so that each document becomes cited on the face of a patent issuing from the above-referenced application.

Applicants submit this Information Disclosure Statement in compliance with the duty to disclose information material to patentability under 37 CFR §1.5, but by listing such documents Applicants are not admitting that such documents are necessarily relevant or prior art.

Applicants intend no representation that the listed documents represent the results of a complete search. Applicants anticipate that the Examiner, in the normal course of examination, will make

EV 31,140,8160 US

an independent search consistent with 37 CFR §1.104(a) and §1.106(b), and, in the course of such search, will review for relevance every document listed on the attached form even if not initialed.

Applicants make no representation as to the accuracy of any translation provided with this Information Disclosure Statement.

Applicants presume that the Examiner is aware of the issues raised in the allowed parent application (*i.e.*, U.S. Appl. No. 10/142,737), and will take them into account when examining the instant application. Applicants also presume that the Examiner has access to the file history for U.S. Appl. No. 10/291,983 (which claims priority to the parent application as a CIP), and will take into account any issues raised in that application. If these presumptions are incorrect, Applicants can provide copies of the substantive Office actions from the parent and CIP applications upon the Examiner's request.

Finally, the attached Form 1449 cites several U.S. applications and U.S. patents that are not related to the instant application through a priority claim. Applicants presume that the Examiner has access to the file histories of the cited applications and patents (as well as the file histories of the applications to which the cited applications and patents claim priority), and will review those file histories to the extent the Examiner feels they may be material to the patentability of the instant application. For the Examiner's convenience, however, Applicants have enclosed the substantive Office actions from the file histories of Reference Nos. 1-4, 6, and 14. Upon the Examiner's request, Applicants also can provide copies of the substantive Office actions from the file histories of any other cited U.S. application or U.S. patent, to the extent Applicants have such Office actions in their possession.

* * * * *

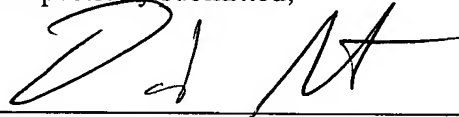
Information Disclosure Statement

September 26, 2003

Appl. No. 10/657,034

Applicants request early and favorable consideration. Applicants believe that they do not owe any fee in connection with this Information Disclosure Statement. If, however, Applicants do owe any such fee(s), the Commissioner is hereby authorized to charge the fee(s) to Deposit Account No. **08-0750**. In addition, if there is ever any other fee deficiency or overpayment under 37 C.F.R. §1.16 or §1.17 in connection with this patent application, the Commissioner is hereby authorized to charge such deficiency or overpayment to Deposit Account No. **08-0750**.

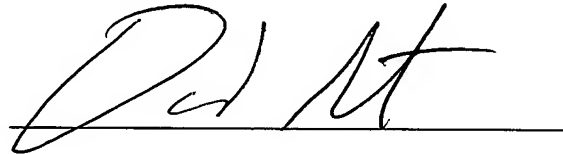
Respectfully submitted,



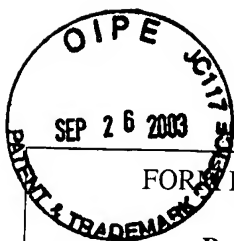
David M. Gryte, PTO Reg. No. 41,809
Harness, Dickey & Pierce
7700 Bonhomme, Suite 400
St. Louis, Missouri 63105
(314) 726-7500 (tel)
(314) 726-7501 (fax)

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

I certify that this correspondence is being deposited with the U.S. Postal Service on **September 26, 2003** with sufficient postage as first class mail (including Express Mail per MPEP § 512), and addressed to **Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450**.



DMG/PML



FOR HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 4

ATTORNEY DOCKET NO.

SERIAL NO.

3316/0A/US

10/657,034

APPLICANT

Daniel P. Becker, et al.

FILING DATE

GROUP

September 5, 2003

Unknown

U.S. PATENT DOCUMENTS

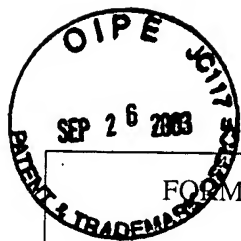
Ref. Desig	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		11/19/99 Office action from abandoned Appl. No. 09/186,410		Barta, et al.		11/5/98
2.		Abandoned Publ. No. 20010014688 (including 12/29/99 Office action, 8/7/00 Office action, 2/16/01 Office action, 11/26/01 Office action, and 6/25/02 Office action from corresponding Appl. No. 09/191,129)	8/16/01	Barta, et al.		11/13/98
3.		Abandoned Publ. No. 20010039287 (including 6/1/00 Office action and 3/29/01 Office action from corresponding Appl. No. 09/256,948)	11/8/01	Barta, et al.	514/330	2/24/99
4.		Pending Appl. No. 09/311,837 (including pending independent claims, 6/14/00 Office action, and 5/3/01 Office action)		Barta, et al.		5/14/99
5.		Pending Appl. No. 09/570,731		Barta, et al.		5/12/00
6.		Allowed Publ. No. 20020177588 (including allowed independent claims, 11/18/02 Office action, and 5/9/03 notice of allowance from corresponding Appl. No. 09/954,451)	11/28/02	Barta, et al.		9/17/01
7.		Allowed Publ. No. 20030073718	4/17/03	Barta, et al.		11/21/01

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EV 311408160 US



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 2 of 4

ATTORNEY DOCKET NO.

SERIAL NO.

3316/0A/US

10/657,034

APPLICANT

Daniel P. Becker, et al.

FILING DATE

GROUP

September 5, 2003

Unknown

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
8.		Pending independent claims in Appl. No. 10/291,983 (a CIP of parent Appl. No. 10/142,737)		Freskos, et al.		11/12/02
9.		Pending independent claims in Appl. No. 10/337,942 (a divisional of Pat. No. 6,451,489)		Barta, et al.		1/7/03
10.		4,595,700	6/17/86	Donald, et al.	514/616	
11.		5,932,595	8/3/99	Bender, et al.	514/317	
12.		6,013,649	1/11/00	Freskos, et al.	514/237.8	
13.		6,300,514	10/09/2001	Takahashi, et al.	560/17	
14.		6,541,489 (including the 12/17/01 Office action, 5/16/02 notice of allowance, and 11/8/02 notice of allowance from corresponding US Appl. No. 09/554,082)	4/1/03	Barta, et al.	514/330	

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
15.		EP 0 266 182	5/4/88	Europe	C07D 307/32		
16.		EP 0 606 046	7/13/94	Europe	C07D 213/42		
17.		EP 0 780 386	6/25/97	Europe	C07D 309/08		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Sheet 3 of 4

ATTORNEY DOCKET No.	SERIAL No.
3316/0A/US	10/657,034
APPLICANT	
Daniel P. Becker, et al.	
FILING DATE	GROUP
September 5, 2003	Unknown

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	
18.		EP 0 930 067	7/21/99	Europe	A61K 31/40		
19.		EP 1 081 137	03/07/2001	Europe	C07D 211/96		
20.		4-338331	1992	JAPAN	A61K 31/365	partial	
21.		WO 90/05719	5/31/90	PCT	C07C 323/62		
22.		WO 93/20047	10/14/93	PCT	C07C 317/44		
23.		WO 94/02466	2/3/94	PCT	C07D 221/14		
24.		WO 94/24140	10/27/94	PCT	C07H 13/04		
25.		WO 95/09841	4/13/95	PCT	C07C 323/60		
26.		WO 95/13289	5/11/95	PCT	C07K 5/062		
27.		WO 95/29892	11/09/95	PCT	C07D 207/327		
28.		WO 96/06074	2/29/96	PCT	C07C 259/06		
29.		WO 96/11209	4/18/96	PCT	C07K 5/06		
30.		WO 97/20824	6/12/97	PCT	C07D 241/04		
31.		WO 97/24117	7/10/97	PCT	A61K 31/19		
32.		WO 98/37877	9/3/98	PCT	A61K 31/16		
33.		WO 98/38163	9/3/98	PCT	C07C 323/60		
34.		WO 99/09000	02/25/99	PCT	C07C 235/00		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 4 of 4

ATTORNEY DOCKET NO.

SERIAL NO.

3316/0A/US

10/657,034

APPLICANT

Daniel P. Becker, et al.

FILING DATE

GROUP

September 5, 2003

Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.